

**IN THE CLAIMS:**

**Please enter the following amended claims:**

3. (Amended) Machining system according to claim 1,  
**characterised in that**  
a central processing unit is provided, which sets the machining parameter sets in the individual control units.
4. (Amended) Machining system according to claim 2,  
**characterised in that**  
when a new tool unit is added to the sliding support mechanism, the central processing unit reconfigures the machining parameter sets and/or the position ranges.
7. (Amended) Machining system according to claim 6,  
**characterised in that**  
a current conductor is integrated into the roller rail and the traveling boxes include a current collecting device to take current and supply it to the individual control unit.

9. (Amended) Machining system according to claim 8,  
**characterised in that**  
at least a part of the roller rail is formed from a conductive material, the central processing system applies a preset measuring voltage to the conductive part and the position determining device measures the voltage drop along the busbar in order to determine the position.
10. (Amended) Machining system according to claim 8,  
**characterised in that**  
a resistance measuring strip is integrated into the roller rail and the position measuring device measures the resistance along the busbar in order to determine the position.
11. (Amended) Machining system according to claim 8,  
**characterised in that**  
the position determining device performs a laser distance measurement to the reference point in order to determine the position.